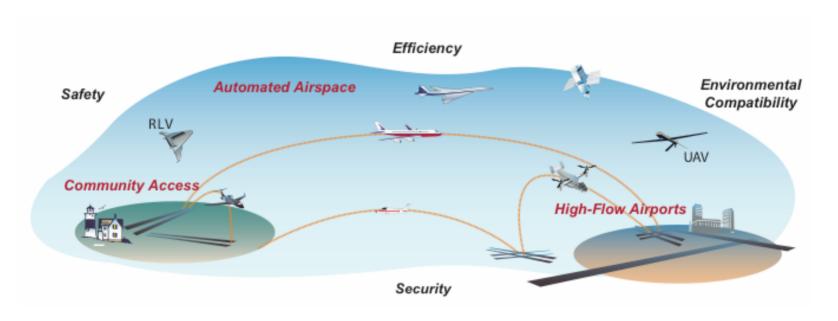




Virtual Airspace Modeling and Simulation Technical Interchange Meeting V



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Welcome

The purpose of this TIM is to share VAMS results.

- Concept evaluations using the Airspace Concept Evaluation
 System (ACES) Build 2 tools, common scenario and metrics.
- Define the approach for blending and the analysis of the VAMS concepts into a system-wide operational concept.
- Results of Real-time verification simulation.
- Airspace Concept Evaluation System (ACES) Build 3.
- Common experiment plan.
- ACES Validation.
- University speakers.
- Joint Planning and Development Office speaker.







VAMS Highlights

- ACES Build 2 Usage
 - Concept Developers
 - JPDO
- ACES Build 3 Development and Evaluation
- Concept Analysis
- Real-Time Simulation Validation
- Preparation for VAMS Real-Time Simulation of the SOAR Concept.
- National Research Council (NRC) Report







Earmarks

- 4 Million Dollar Direct Impact
- Prioritized
 - Conceptual Blending and System-wide Analysis
- Loss Shuttered our Real-Time Simulation Capabilities and Facilities
 - Analysis using ACES of WakeVAS
 - Surface Concept
- Future







ACES...the movie





Questions Regarding the future of VAMS



- VAMS has developed detailed descriptions of how automation technologies can be used to enhance the operations of the National Airspace Systems (NAS). How can we make the vast quantity of information useful to the Joint Planning and Development Office (JPDO) or other potential stake holders?
- VAMS has developed a unique and innovative tool for system-wide analysis of conceptual and technological changes to the NAS. How can this resource best be used by the JPDO or other potential stake holders?
- Do we know enough to begin the necessary trade space analysis of different changes to the NAS identified in the concepts?
- Can a list of items be generated that can aid in the costing of conceptual changes to the NAS be generated?





TIM Agenda



Tuesday 8-March	Agenda and Sche	dule Wednesday 9-March
7:30 a.m. Conference Center opens for meeting registration	7:30 a.n	n. Conference Center opens
I 8:30 a.m. Welcome (H. Swenson) (30 min) • Goals & Objectives	X 8:00 Openin	a.m. g/Context (R. Fong) (5 min)
Overview of Agenda Project Update	(25 min) • Ann	Annualization and Evaluation (Prof. M. Hansen)
II 9:00 a.m. Concept Developer Phase III Reports Langley Research Center (J. Smith) (50 min		30 a.m. me Verification & Validation Simulation nger/S. Lozito) (1 hour)
9:50 Break (15 min)	XIII 9 ACES I	30 a.m. Build 3 Capabilities (P. Cobb) (30 min)
III 10:05 a.m. Optimal Synthesis (Dr. V. Cheng) (50 min)		10:00 Break (15 min)
IV 10:55 a.m. Seagull Technology (D. Schleicher) (50 min)	Commo	: 15 a.m. on Experiment Plan (K. James) (45 min) ults to date
11:45 a.m. Catered Lunch (75 i	Airspac	:00 a.m. ee Concept Evaluation System (ACES) Validation ski) (45 min)
V 1:00 p.m. Metron Weather (Dr. J. Krozel) (50 min)		11:45 a.m. Catered Lunch (75 min)
VI 1:45 p.m. NASA Advanced Airspace Concept (Dr. H. (50 min)	XVI 1: Univers	00 p.m. ity Speaker (Prof. C-H Chen) (45 min)
2:30 p.m. Break (15 min)		:45 p.m. ity Speaker (Prof. K. Corker) (45 min)
VII 2:45 p.m. Raytheon (M.E. Miller) (50 min)		2:30 p.m. Break (15 min)
VIII 3:35 p.m. Blending Plan Discussion (Dr. W. Dunlay) ((45 min) Joint Pl	2:45 p.m. anning and Development Office (JPDO) Speaker orener) (45 min)
IX 4:40 p.m. Report out for TIM Day 1 and Plan for Day	ay 2 XIX 3: Panel D	30 p.m. viscussion (30 min)
(H. Swenson) (15 min)	XX 4: Closing	00 p.m. Remarks (H. Swenson) (15 min)
Adjourn 4:40 p.m.		Adjourn 4:15 p.m.







TIM Logistics

Microphones

 We are recording these proceedings. Please use the centrally located microphone for your questions so that we may capture them accurately.

Phone Calls

Messages can be left at (650) 604-2926 or 604-2082

Computing

- Macintosh computers and hookups for laptops are available for your use in the Fireside Area.
- There is a power strip and an analog line available at each row of tables.
- Wireless is available in the ballroom instructions are available at the registration desk.

Restrooms

 Located on the right side of the ballroom and on your left as you pass the registration area.

Refreshments and Beverages

Are for those who have registered (and paid) accordingly.

